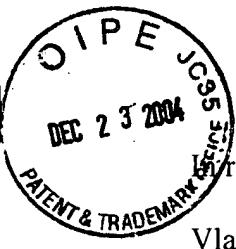


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of

Vladislav Vashchenko et al.

Application No.: 10/743,845

Filed: December 22, 2003

For: SPIN INJECTION DEVICES ON
SILICON MATERIAL FOR BiCMOS
TECHNOLOGY

Confirmation No.: 9084

Group Art Unit: 2812

Examiner: Evan T. Pert

**RESPONSE TO OFFICE ACTION
MAILED NOVEMBER 29, 2004**353 Sacramento St., Suite 2200
San Francisco, CA 94111
(415) 772-4900M/S AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Dec 20, 2004.

STALLMAN & POLLOCK LLP

Dated: 12/20/2004

By:

Georgia K. Stith

Georgia K. Stith

Sir:

In response to the Office Action mailed November 29, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.



STALLMAN & POLLOCK LLP
 353 Sacramento Street, Suite 2200
 San Francisco, CA 94111
 (415) 772-4900

In re Patent Application of: Vladislav Vashchenko et al. Atty Docket No. NSC1-M4400 [P05771]
 Application No.: 10/743,845 Filed: December 22, 2003 Confirmation No.: 9084
 For: SPIN INJECTION DEVICES ON SILICON MATERIAL FOR BiCMOS TECHNOLOGY

M/S AMENDMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmittal herewith is an amendment in the above-identified application.

The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	12	MINUS	20/	0	x \$50 =	\$0
INDEP.	2	MINUS	3	0	x \$200 =	\$0
FIRST PRESENTATION OF MULTIPLE DEP CLAIMS						+ \$360
						TOTAL \$0

Small Entity 50% Filing Fee Reduction (if applicable) \$0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.)

1. No additional fee is required.
2. A check in the amount of \$_____ is attached.
3. Please charge any additional fees, including any fees necessary for extensions of time or credit overpayment to Deposit Account No. 50-1703, under Order No. NSC1-M4400.
A duplicate copy of this sheet is enclosed.
4. Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136(a), as may be required, to file this response.

STALLMAN & POLLOCK LLP

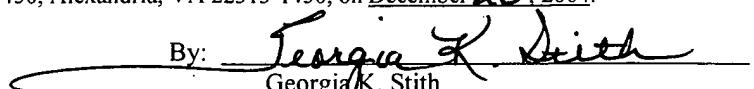
Dated: December 20, 2004

By: 
 Jason D. Lohr (Reg. No. 48,163)
 Attorneys for Applicant(s)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 20, 2004.

Dated: December 20, 2004

By: 
 Georgia K. Stith